

| <b>INFORMATION DISCLOSURE<br/>CITATION IN AN<br/>APPLICATION</b><br><br>(PTO-1449) |   | ATTY. DOCKET NO.<br><b>50212-132</b>                 |         | SERIAL NO.<br><b>09/667,576</b> |          |               |
|--|---|--|---------|---------------------------------|----------|---------------|
|  |   | <b>APPLICANT</b><br><b>Tetsufumi TSUZAKI, et al.</b> |         |                                 |          |               |
|  |   | <b>FILING DATE</b><br><b>September 22, 2000</b>      |         | <b>GROUP</b><br><b>3662</b>     |          |               |
| <b>U.S. PATENT DOCUMENTS</b>   |   |  |         |                                 |          |               |
| EXAMINER'S INITIALS  | PATENT NO.  | DATE   | NAME    | CLASS                           | SUBCLASS |               |
|  |   |  |         |                                 |          |               |
|  |   |  |         |                                 |          |               |
|  |   |  |         |                                 |          |               |
| <b>FOREIGN PATENT DOCUMENTS</b>  |   |  |         |                                 |          |               |
| EXAMINER'S INITIALS  | PATENT NO.  | DATE   | COUNTRY | CLASS                           | SUBCLASS | TRANSLATION   |
| SC   | 04147114 A  | 05/20/92   | Japan   | —                               | —        | X<br>Abstract |
| SC   | 06276154 A  | 09/30/94   | Japan   | —                               | —        | X<br>Abstract |
| SC   | 10022924 A  | 01/23/98   | Japan   | —                               | —        | X<br>Abstract |
| SC   | 10229386 A  | 08/25/98   | Japan   | —                               | —        | X<br>Abstract |
| SC   | 09191303 A  | 07/22/97   | Japan   | —                               | —        | X<br>Abstract |
| SC   | 11133364  | 05/21/99   | Japan   | —                               | —        | X<br>Abstract |
| <b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>            |   |  |         |                                 |          |               |
| SC   | International Search Report   |  |         |                                 |          |               |
|  | "Active Gain Slope Compensation in Large-Capacitory, Long-Haul WDM Transmission System", Takao Nalto et al., OAA' WC5, June 9-11, 1999, pp. 36-39.  |  |         |                                 |          |               |
| SC   | "Tunable Gain Equalization Using a Mach-Zehnder Optical Filter in Multistage Fiber Amplifiers", Kyo Inoue et al., IEEE Photonics Technology Letters, Vol. 3, No. 8, August 1991, pp. 718-720. |  |         |                                 |          |               |
|  | "BROADBAND VARIABLE OPTICAL ATTENUATOR IN SILICA WAVEGUIDE TECHNOLOGY", T.V. Clapp et al., ECOC'98, September 20-24, 1998, pp. 301-302.   |  |         |                                 |          |               |
| SC   | "Large Capacity WDM Transmission Based on Wideband Erbium-Doped Fiber Amplifiers", Susumu Kinoshita et al, OSA TOPS, Vol. 25 Optical and Their Applications, pp. 258-261.                     |  |         |                                 |          |               |
|  |   |  |         |                                 |          |               |
| EXAMINER   | DATE CONSIDERED   |  |         |                                 |          |               |
| <i>Stephen Englehardt</i>  | <i>Oct 10, 2001</i>   |  |         |                                 |          |               |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.